



PATENT

Navy Case No. 84,622
Application No. 09/864,373

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Krise, et al.

Serial No. 09/864,373

Filed: May 25, 2001

For: MOLECULAR TAG READER

Group Art Unit: 1641

Examiner: Kartic Padmanabhan

RESPONSE TO OFFICE ACTION

In response to the Official Action dated August 6, 2004, the applicant hereby requests reconsideration and allowance of the application in view of the following.

Claims 7-12, 15, and 17 stand rejected under 35 U.S.C. § 102(e) as anticipated by Narayanan (U.S. 6,593,148). Also, claims 18-20 stand rejected under 35 U.S.C. § 103(a) as unpatentable over Narayanan et al. in view of Hammock et al. (U.S. 6,395,562).

REMARKS

Claims 7-12, 15, and 17 stand rejected under 35 U.S.C. § 102(e) as anticipated by Narayanan (U.S. 6,593,148). Specifically, the examiner indicates that Narayanan discloses an apparatus to transmit light to a "gel sandwich" having a laser diode assembly, a focusing lens, a narrow band pass filter, a collimating lens, and a laser diode. Further, the laser diode emits far red, near infrared, or infrared light which is collimated by the laser collimating lens and filtered through the narrow band pass filter and focused onto the gel sandwich. The detector is preferably an avalanche photodiode and the reference further discloses various dyes to use to mark DNA.